

## DAILY FIELD ACTIVITY REPORT

**PROJECT NAME:** Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

<b>DATE:</b> June 13, 2018	<b>WEATHER:</b> Mostly cloudy, High ~65 degrees F, light to moderate wind
<b>Personnel and Visitors Onsite:</b> Research vessel Cayuse – <u>CDM Smith</u> : Julee Trump; <u>AECOM</u> : Michaela McCoog; <u>Geosyntec</u> : Erin Dunbar; <u>Gravity Marine</u> : John Schaefer, Jeff Schut	
<b>Planned Activity:</b> <ul style="list-style-type: none"><li>Collect surface sediment samples at stratified random, sediment management area (SMA) and co-located core locations near River Mile (RM) 1.9 east, 4.3 east.</li></ul>	
<b>Activity Completed:</b> <p>A tailgate safety meeting was led by AECOM. Topics discussed included think safe for returning to work, tripping hazards and dock disrepair, and wind.</p> <p>Julee trump performed oversight of surface sediment sampling from 08:00 to 17:00 on board the Cayuse. Specific activities completed by the AECOM/Geosyntec team, with vessel support from Gravity Marine, are as follows:</p> <ul style="list-style-type: none"><li>Position check at PH-2 indicated that the vessel GPS was reading within 1.2 meters of the PH-2 survey coordinates, meeting the 1-2 m accuracy specification in the FSP.</li><li>3-point composite surface sediment samples were collected from 6 SMA, co-located boring, and stratified random locations at RM 1.9 east and up slips near RM 4.5 as summarized below. Activities included decontamination of sampling equipment using Alconox and deionized/distilled water and housekeeping of the sampling area.</li></ul>	
<b>Status of Schedule &amp; Priority Work:</b> <ul style="list-style-type: none"><li>Surface sediment sampling will continue tomorrow at locations with access agreements and returning to EPA approved locations previously attempted, but not sampled. The bathymetric survey is also scheduled to resume tomorrow on personal watercraft.</li><li>Remaining sample locations include blocked or attempted locations that could not be sampled at the time, and locations on private property with none or recently procured access agreements.</li><li>Sample locations in areas of known/encountered heavy sheen contamination are planned to be skipped and returned to with support from NRC Environmental Services to contain sheen during sampling.</li><li>Sampling is taking more time than initially projected.</li></ul>	
<b>Issues/Concerns/Resolutions (include work performed that was not planned or anticipated):</b> <p>Location SG-S058 contained black sands which partially flowed through closed jaws but a sample was obtained from an portion of grab that had intact overlying water and no evidence of sediment loss.</p>	
<b>Samples Collected, Measurements Made, Photographs: (List Locations, Matrix &amp; Sample type):</b> <p>The following surface sediment samples were collected on the Cayuse:</p> <ul style="list-style-type: none"><li>PDI-SG-S001 – RM 1.9 E, Within 50 ft radius, silt with lots of woody and root debris/organics, 2 clams (~4 cm), 10 cm muscle, ~8 in lamprey (wiggled off the deck before a good observation could be made).</li><li>PDI-SG-S049 – RM 4.3 E, Within 25 ft radius, silt</li><li>PDI-SG-S050 – RM 4.3 E, Within 50 ft radius, silt over black sand, large metal debris, clams</li><li>PDI-SG-S051 – RM 4.3 E, Within 25 ft radius, sandy silt with sand lenses/layer</li><li>PDI-SG-S052 – RM 4.3 E, Within 25 ft radius, sandy silt with trace sands and clays, and moderate organics</li><li>PDI-SG-S058 – RM 4.6 E, Within 50 ft radius, black sand</li></ul> <p>Note: Sediment descriptions are simplified and AECOM/Geosyntec provided more detailed sediment descriptions in their sampling notes.</p> <p>Photographs of work were taken throughout the day on board the Discovery and provided to EPA via email. Additional photos were taken and archived with a description included in the photolog Excel spreadsheet, which are maintained electronically in the ProjectWise project folder.</p>	

**Borings Completed (Include total footage drilled for each boring):**

None

**Wastes Generated and How Handled:**

- Excess sediment and debris in the power grab sampler and in the sampling bowls was rinsed back into the river per the FSP. No major sheen was observed.
- Disposable gloves, paper towels, and other general trash was containerized in a trash bag and removed daily for disposal to a municipal waste management dumpster.

**Health and Safety Issues, Equipment Needs, Staffing:**

None

**Signature:**

Julee Trump

**DATE**

June 13, 2018